

Datasheet for ABIN7549080  
**C1orf103 Protein (AA 1-769) (His tag)**



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## Overview

Quantity:	1 mg
Target:	C1orf103
Protein Characteristics:	AA 1-769
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C1orf103 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat LRIF1 Protein expressed in mammalian cells.
Sequence:	<p>MSNNLRRVFL KPAEENSGNA SRCVSGCMYQ VVQTIGSDGK NLLQLLPIPK SSGNLIPLVQ SSVMSDALKG NTGKPVQVTF QTQISSSSTS ASVQLPIFQP ASSSNYFLTR TVDTSEKGRV TSVGTGNFSS SVSKVQSHGV KIDGLTMQTF AVPPSTQKDS SFIVVNTQSL PVTVKSPVLP SGHHLQIPAH AEVKSVPASS LPPSVQKIL ATATTSTSGM VEASQMPTVI YVSPVNTVKN VVTKNFQNIY PKPVTEIAKP VILNTTQIPK NVATETQLKG GQHSQAAPVK WIFQDNLQPF TPSLVPVKSS NNVASKILKT FVDRKNLGDN TINMPLSTI DPSGTRSKNM PIKDNALVMF NGKVYLLAKK GTDVLPSQID QQNSVSPDTP VRKDTLQTVS SSPVTEISRE VVNIVLAKSK SSQMETKSLS NTQLASMANL RAEKNKVEKP SPSTTNPHMN QSSNYLKQSK TLFTNPIFPV GFSTGHNAPR KVTAVIYARK GSVLQSIEKI SSSVDATTVT SQQCVRDQE PKIHNEMAST SDKGAQGRND KKDSQGRSNK ALHLKSDAEF KKIFGLTKDL RVCLTRIPDH LTSGEGFDSF SSLVKSGTYK ETEFMVKEGE RKQQNFDKKR KAKTNKKMDH IKKRKTENAY NAIINGEANV</p>

## Product Details

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TGSQLSSIL PTSDVSQHNI LTSHSKTRQE KRTEMEYYTH EKQEKGLNS NAAEQSHFF  
NKNYTEDIFP VTPPELEETI RDEKIRRLKQ VLREKEAALE EMRKKMHQK **Sequence without tag.**  
**The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

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### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

C1orf103

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### Alternative Name:

LRIF1 ([C1orf103 Products](#))

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### Background:

Ligand-dependent nuclear receptor-interacting factor 1 (HP1-binding protein enriched in inactive X chromosome protein 1) (HBIx1) (Receptor-interacting factor 1),FUNCTION: Together with SMCHD1, involved in chromosome X inactivation in females by promoting the compaction of heterochromatin (PubMed:23542155). Also able to repress the ligand-induced transcriptional activity of retinoic acid receptor alpha (RARA), possibly through direct recruitment of histone deacetylases (PubMed:17455211). Also required for silencing of the DUX4 locus in somatic cells (PubMed:32467133). {ECO:0000269|PubMed:17455211, ECO:0000269|PubMed:23542155, ECO:0000269|PubMed:32467133}.

## Target Details

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Molecular Weight:	84.6 kDa
UniProt:	<a href="#">Q5T3J3</a>
Pathways:	<a href="#">Nuclear Hormone Receptor Binding</a>

## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months